

WHAT IS CLAIMED IS:

1. A sheet-form, curable pressure-sensitive adhesive comprising a composition including:

(A) a high molecular weight polymer;

5 (B) a compound containing an epoxy group; and

(C) a polymerization initiator which, when an activation energy is applied thereto, initiates the compound (B) to undergo a ring-opening polymerization.

2. The sheet-form, curable pressure-sensitive adhesive 10 in accordance with claim 1, wherein said high molecular weight polymer (A) is an acrylic polymer.

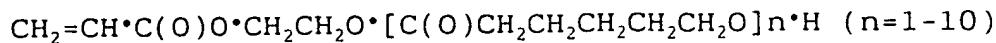
3. The sheet-form, curable pressure-sensitive adhesive 15 in accordance with claim 1, wherein said composition comprises 100 parts by weight of an acrylic polymer (A), 1 - 10000 parts by weight of the compound (B) and 0.01 - 1000 parts by weight of the polymerization initiator (C).

4. The sheet-form, curable pressure-sensitive adhesive 20 in accordance with claim 2, wherein the acrylic polymer (A) is a copolymer obtainable by copolymerizing a compound (a) containing at least one (meth)acryloyl group and at least one hydroxyl group per molecule with a copolymerizable monomer (b) which is copolymerizable with the compound (a).

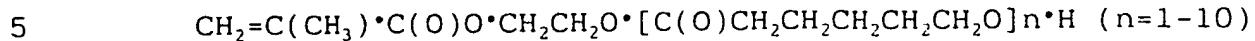
5. The sheet-form, curable pressure-sensitive adhesive 25 in accordance with claim 4, wherein said compound (a) is at least one selected from the group consisting of the

following compounds (1) through (10):

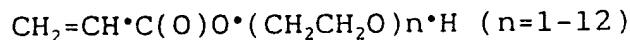
【Compound 1】



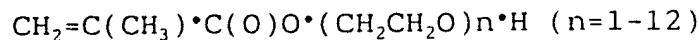
【Compound 2】



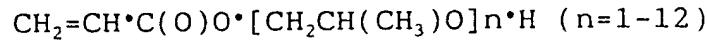
【Compound 3】



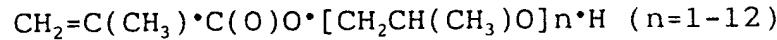
【Compound 4】



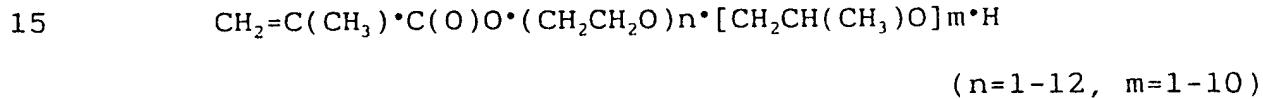
10 【Compound 5】



【Compound 6】



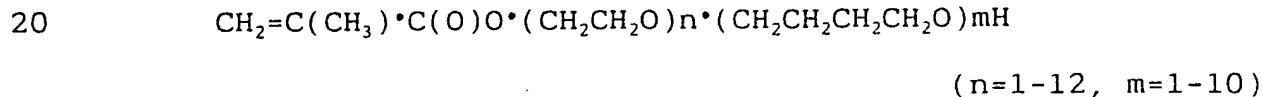
【Compound 7】



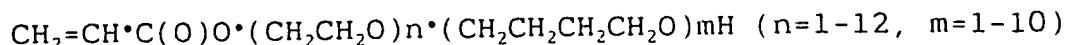
【Compound 8】



【Compound 9】



【Compound 10】



6. The sheet-form, curable pressure-sensitive adhesive
in accordance with claim 4, wherein said copolymerizable
5 monomer (b) is selected from the group consisting of methyl
(meth)acrylate, ethyl (meth)acrylate, cyclohexyl
(meth)acrylate, benzyl (meth)acrylate and (meth)acrylic acid
ester of alcohols containing a C-O-C ether bond.

7. The sheet-form, curable pressure-sensitive adhesive
10 in accordance with any one of the preceding claims 1-6,
wherein said polymerization initiator (C) is cationic
photopolymerization initiator.

8. The sheet-form, curable pressure-sensitive adhesive
in accordance with claim 7, wherein said cationic
15 photopolymerization initiator is an onium salt compound.

9. The sheet-form, curable pressure-sensitive adhesive *Part A*
in accordance with any one of the preceding claims 1-8,
wherein said composition further comprises a vinyl ether
compound.

20 10. The sheet-form, curable pressure-sensitive
adhesive in accordance with claim 9, said composition
includes 1-30 parts by weight of the vinyl ether compound
relative to 30-70 parts by weight of the compound (B).

25 11. A curable pressure-sensitive adhesive sheet
comprising:

2010TE000000000000000000

a substrate; and

a sheet-form, curable pressure-sensitive adhesive in accordance with any one of the preceding claims 1-10 which is laminated onto at least one surface of said substrate.

5 12. A method for joining members comprising the steps

of:

placing a sheet-form, curable pressure-sensitive adhesive in accordance with any one of preceding claims 1-10 on one of said members; and

10 irradiating the sheet-form, curable pressure-sensitive adhesive with an ultraviolet light having an intensity greater than 1 mW/cm^2 in a wavelength range exceeding 300 nm, either before or after said one member is adhered to another member via the sheet-form, curable pressure-

15 sensitive adhesive.

13. An energy polymerizable composition which is pressure-sensitive in its ordinary state and is capable of being cured upon application of an activation energy thereto, said composition comprising:

20 (A) a high molecular weight polymer;

(B) a compound containing an epoxy group; and

(C) a polymerization initiator which, when said activation energy is applied thereto, initiates the compound (B) to undergo a ring-opening polymerization.